

L2 ANSWER 32 OF 34 CAPLUS COPYRIGHT 2003 ACS  
AB A method for converting compactin to pravastatin is described. Compactin is provided and contacted with an agent derived from *Actinomadura* under conditions in which the agent converts compactin to pravastatin. Also described are an *Actinomadura* strain, an *Actinomadura* cell-free ext., an *Actinomadura* hydroxylase, and a method for lowering cholesterol levels in mammals.

AN 1997:94194 CAPLUS

DN 126:103153

TI Conversion of compactin to pravastatin by *Actinomadura*

IN Demain, Arnold L.; Peng, Yulin; Yashphe, Jacob; Davis, Joseph

PA Massachusetts Institute of Technology, USA

SO PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640863	A1	19961219	WO 1996-US9464	19960604
	W: CA, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5942423	A	19990824	US 1995-485711	19950607
	CA 2223122	AA	19961219	CA 1996-2223122	19960604
	EP 836642	A1	19980422	EP 1996-917260	19960604
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11508239	T2	19990721	JP 1996-501777	19960604
	US 6274360	B1	20010814	US 1999-338820	19990623
	US 2001026934	A1	20011004	US 2001-834670	20010413
	US 6566120	B2	20030520		
PRAI	US 1995-485711	A	19950607		
	WO 1996-US9464	W	19960604		
	US 1999-338820	A3	19990623		
OS	CASREACT	126:103153			

L2 ANSWER 17 OF 34 CAPLUS COPYRIGHT 2003 ACS  
 AB The very effective conversion of ML-236B substances and derivs. thereof into 6'-hydroxylated products with the microorganisms of species *Amycolatopsis orientalis* or with an ext. or a hydroxylation-effective enzyme derived from said microorganism, is described. The products obtained are suitable as HMG-CoA reductase inhibitors or intermediates thereof. Thus, the products can be used, for example, as an antihypercholesterolemic in pharmacy.  
 AN 1999:753370 CAPLUS  
 DN 132:2806  
 TI New biotechnological process for preparing hydroxylated ML-236B derivatives, known as M-4 and M-4', and analogs thereof  
 IN Kranjc, Saso; Ivanc, Irena; Schauer, Manica  
 PA Lek Pharmaceutical and Chemical Company D.D., Slovenia  
 SO PCT Int. Appl., 25 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9960151	A1	19991125	WO 1999-IB923	19990521
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9937247	A1	19991206	AU 1999-37247	19990521
	EP 1080220	A1	20010307	EP 1999-919467	19990521
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 6365382	B1	20020402	US 2000-700945	20001227
PRAI	SI 1998-144	A	19980521		
	WO 1999-IB923	W	19990521		
OS	MARPAT	132:2806			

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 34 OF 34 CAPLUS COPYRIGHT 2003 ACS  
 AB An enzymic hydroxylation process for the prepn. of compds. useful as HMG-CoA reductase inhibitors and/or as intermediates in the prepn. of HMG-CoA reductase inhibitors is disclosed. Thus, Me compactin was hydroxylated by the action of *Saccharopolyspora hirsuta* to produce Me pravastatin.  
 AN 1995:578705 CAPLUS  
 DN 123:8031  
 TI Enzymic hydroxylation process for the preparation of HMG-CoA reductase inhibitors and intermediates thereof  
 IN Davis, Brian L.; Cino, Paul M.; Szarka, Laszlo  
 PA Bristol-Myers Squibb Co., USA  
 SO Eur. Pat. Appl., 24 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 649907	A1	19950426	EP 1994-116409	19941018
	EP 649907	B1	20000906		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	US 6043064	A	20000328	US 1993-141316	19931022
	IL 111084	A1	19980104	IL 1994-111084	19940929
	TW 438888	B	20010607	TW 1994-83109094	19941001
	AT 196166	E	20000915	AT 1994-116409	19941018
	ES 2150459	T3	20001201	ES 1994-116409	19941018
	FI 9404926	A	19950423	FI 1994-4926	19941020
	CA 2134025	AA	19950423	CA 1994-2134025	19941021
	AU 9475972	A1	19950511	AU 1994-75972	19941021
	AU 679113	B2	19970619		
	JP 07184670	A2	19950725	JP 1994-256548	19941021
	HU 69959	A2	19950928	HU 1994-3061	19941021
	HU 217104	B	19991129		
	CN 1106067	A	19950802	CN 1994-117167	19941022
	CN 1085250	B	20020522		
	HK 1014740	A1	20010504	HK 1998-116039	19981228
PRAI	US 1993-141316	A	19931022		
OS	MARPAT 123:8031				